PATENT
Application No. 09/937,912
Filed January 24, 2002
Examiner Eisa B. Elhilo
Art Unit 1751
Attorney Docket No. 221-06/H03933

II. The Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1. - 13. (canceled)

Claim 14. (previously presented) A composition for coloring keratin fibers comprising

(a) at least one tenside of formula (I)

$$\begin{bmatrix}
O \\
\parallel \\
(MO)_y - P - (R)_x
\end{bmatrix} + x B - (I)$$

wherein y is an integer from 0 to 2, x is an integer from 1 to 3, and the sum of x and y is 3, wherein M is hydrogen, an alkali metal, alkaline earth metal, or an ammonium cation, or an alkyl radical having 1 to 4 carbon atoms that is optionally substituted by one or more hydroxyl groups, wherein B is a physiologically compatible anion, and wherein R is a radical of formula (II),

$$--A - N - C_z H_{2z} - N - R^3 \qquad (II)$$

in which z is an integer from 1 to 4, R^1 and R^2 , independently of one another, are a C_1 to C_4 alkyl radical, that is optionally substituted by one or more hydroxyl groups, or an

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acyl group, A is $-O-CH_2-CH_2-CH_2-$, $-O-CH_2-CH_2-$ or $-O-CH_2-CHOH-CH_2-$, and R³ is a branched or unbranched, saturated C₈ to C₁₈ acyl radical, or a branched or unbranched, monounsaturated or polyunsaturated C₈ to C₁₈ acyl radical;

- (b) at least one conditioning component comprising a cationic polymer; and
- (c) at least one dye or dye precursor, or combinations thereof.
- Claim 15. (canceled)
- Claim 16. (previously presented) The composition of claim 14, wherein the composition further comprises an anionic tenside.
- Claim 17. (previously presented) The composition of claim 14 wherein the conditioning component comprising a cationic polymer also contains a quaternary nitrogen compound in the form of an ammonium group.
- Claim 18. (canceled)
- Claim 19. (previously presented) The composition of claim 14 wherein the conditioning component comprises a quaternized cellulose derivative.
- Claim 20. (previously presented) The composition of claim 14 wherein the cationic polymer comprises Polyquaternium-2.
- Claim 21. (previously presented) The composition of claim 14 wherein the conditioning component is present in the composition in an amount of from 0.05 to 5% by weight.
- Claim 22. (previously presented) The composition of claim 14 wherein the conditioning component is present in the composition in an amount of from 0.1 to 2% by weight.
- Claim 23. (previously presented) The composition of claim 14 wherein the dye precursor comprises at least one oxidation dye precursor of the developer type.

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- Claim 24. (previously presented) The composition of claim 14 wherein the dye precursor is selected from the group consisting of 5,6-dihydroxyindole and 5,6-dihydroxyindoline.
- Claim 25. (previously presented) The composition of claim 14 wherein the dye or dye precursor comprises at least one substantive dye, or natural dye, or combinations thereof.
- Claim 26. (previously presented) The composition of claim 14 wherein the tenside of formula I comprises at least one compound selected from Linoleamidopropyl PG-Dimonium Chloride Phosphate, Cocamidopropyl PG-Dimonium Chloride Phosphate or Stearamidopropyl PG-Dimonium Chloride Phosphate, or combinations thereof.
- Claim 27. (previously presented) The composition of claim 26 wherein the conditioning component comprises Polyquaternium 2.
- Claim 28. (previously presented) A method for coloring keratin fibers comprising applying to keratin fibers a composition comprising
 - (a) at least one tenside of formula (I) wherein y is an integer from 0 to 2, x is an integer from 1 to 3, and the sum of x and

$$\begin{bmatrix} O \\ \parallel \\ (MO)_y \longrightarrow P \longrightarrow (R)_X \end{bmatrix} + x B^- \quad (I)$$

y is 3, wherein M is hydrogen, an alkali metal, alkaline earth metal, or an ammonium cation, or an alkyl radical having 1 to 4 carbon atoms that is optionally substituted by one or more hydroxyl groups, wherein B is a physiologically compatible anion, and wherein R is a radical of formula (II),

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$$--A - N - C_z H_{2z} - N - R^3$$

$$= R^2$$
(II)

- (b) at least one conditioning component comprising a cationic polymer; and
- (c) at least one dye or dye precursor, or combinations thereof.
- Claim 29. (canceled)
- Claim 30. (canceled)
- Claim 31. (previously presented) The method of claim 28 wherein the tenside of formula I comprises at least one compound selected from Linoleamidopropyl PG-Dimonium Chloride Phosphate, Cocamidopropyl PG-Dimonium Chloride Phosphate or Stearamidopropyl PG-Dimonium Chloride Phosphate, or combinations thereof.
- Claim 32. (previously presented) The method of claim 28 wherein the composition further comprises an anionic tenside.